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PATENT
Docket No. 202962001301

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Jean Gillespie
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

BEN CHEN et al.

Serial No.: 08/704,445

Filing Date: 26 August 1996

For: METHOD OF PREVENTING
DEPLETION OF NON-AUTOLOGOUS
HEMATOPOIETIC CELLS AND ANIMAL
MODEL SYSTEMS FOR USE THEREOF

Examiner: S.E. Ziska

Group Art Unit: 1804

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INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The information listed below was previously disclosed in Information Disclosure Statements dated April 7, 1994 and October 26, 1995, both directed to the parent application Serial Number 08/169,293. Copies of the references were also previously submitted and, therefore, copies are not included herewith. The protocol conforms with 37 C.F.R. §1.98(b) and M.P.E.P. 609(A)(2). The Examiner is requested to make this information of record in the application.

Mosier et al., "Transfer of a functional human immune system to mice with severe combined immunodeficiency" Nature (1988) 335:256-259.

Kamel-Reid et al., "Engraftment of immune-deficient mice with human hematopoietic stem cells" Science (1988) 242:1706-1709.

McCune et al., "The SCID-hu mouse: murine model for the analysis of human hematolymphoid differentiation and function" Science (1988) 241:1632-1639.

Namikawa et al., "Long-term human hematopoiesis in the SCID-hu mouse" J. Exp. Med. (1990) 172:1055-1063.

Kyoizumi et al., "Implantation and maintenance of functional human bone marrow in SCID-hu mice" Blood (1992) 79:1704-1711.

Lapidot et al., "Cytokine stimulation of multilineage hematopoiesis from immature human cells engrafted in SCID mice" Science (1992) 255:1137-1141.

Krowka et al., "Human T cells in the SCID-hu mouse are phenotypically normal and functionally competent" J. Immunol. (1991) 146:3751-3756.

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Vandekerckhove et al., "Human hematopoietic cells and thymic epithelial cells induce tolerance via different mechanisms in the SCID-hu mouse thymus" J. Exp. Med. (1992) 175:1033-1043.

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Lockwood, "Immunological functions of the spleen" Clin. Haematol. (1983) 12:449-465.

Van Rooijen et al., "Elimination of phagocytic cells in the spleen after intravenous injection of liposome-encapsulated dichloromethylene diphosphonate" Cell Tiss. Res. (1984) 238:355-358.

Gregoriadis et al., eds., Targeting of Drugs, Plenum Press, New York (1982). A title page and table of contents is enclosed herewith.

Van Rooijen et al., "Macrophage subset repopulation in the spleen: Differential kinetics after liposome-mediated elimination" J. Leuk. Biol. (1989) 45:97-104.

Oi et al., "Fluorescent phycobiliprotein conjugates for analyses of cells and molecules" J. Cell Biol. (1982) 93:981-986.

Boorsma et al., "Periodate or glutaraldehyde for preparing peroxidase conjugates?" J. Immunol. Met. (1979) 30:245-255.

Eikelenboom, "Characterization of non-lymphoid cells in the white pulp of the mouse spleen: An *in vivo* and *in vitro* study" Cell Tiss. Res. (1978) 195:445-460.

Delemarre et al., "The *in situ* immune response in popliteal lymph nodes of mice after macrophage depletion. Differential effects of macrophages on thymus-dependent and thymus-independent immune responses" Immunobiol. (1990) 180:395-404.

Van Rooijen, "The liposome-mediated macrophage 'suicide' technique" J. Immunol. Meth. (1989) 124:1-6.

Huppes et al., "The role of natural antibodies and ABO (H) blood groups in transplantation of human lymphoid cells into mice." Eur. J. Immunol. (1993) 23:26-32.

Bleeker et al., "Key role of macrophages in hypotensive side effects of immunoglobulin preparations. Studies in an animal model." Clin. exp. Immunol. (1989) 77:338-344.

McCune et al., "The SCID-hu mouse as a model system for HIV infection." UCLA Symposia on Molecular and Cellular Biology, New Series, Human Retroviruses (1990) Alan R. Liss, Inc., Vol. 119, pp. 347-359.

The information listed below was previously cited in an Office Action dated June 12, 1995, directed to the parent application Serial Number 08/169,293. Copies of the references were also previously included and, therefore, copies are not included herewith. The protocol conforms with 37 C.F.R. §1.98(b) and M.P.E.P. 609(A)(2). The Examiner is requested to make this information of record in the application.

Aldrovandi et al., "The SCID-hu mouse as a model for HIV-1 infection" *Nature* (1993) 363:732-736.

Berenson et al., "Engraftment after infusion of CD34+ marrow cells in patients with breast cancer or neuroblastoma" *Blood* (1991) 77:1717-1722.

Pinto et al., "Selective depletion of liver and splenic macrophages using liposomes encapsulating the drug Dichloromethylene Disphosphonate: Effects on antimicrobial resistance" *J. Leuk. Biol.* (1991) 49:579-586.

This Information Disclosure Statement is submitted after receipt of the first Office Action on the merits. Therefore, the Assistant Commissioner is hereby authorized to charge any fees which may be required by this paper to **Deposit Account Number 03-1952.**


Applicant would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the references have been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the

like reported by third parties are accurate or enabling: or (iv) the above information constitutes prior art to the subject invention.

Dated: 1/7, 1997

Respectfully submitted,

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